RESEARCH DISCLOSURE

Search RD Database
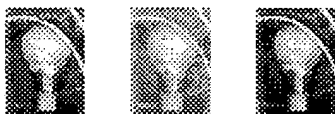
Database last updated 23 November 2

Log in

Search
- Quick Search
- Advanced Search
- Numeric Search
- Recent Search
- Last Result Set

Recent Disclosures

Search parameters information

Quick Search | Advanced Search | Numeric Search | Recent Searches | Last Results

Results for search query

All = ("nifere" OR "fenire" OR "renife" OR "refeni") OR (("nife" OR "permalloy") AND "rhenium") OR ("magnetic" AND "head" AND ("corrosion" OR "eddy" OR "density" OR "saturation" OR "flux") AND ("re" OR "rhenium"))
From Jan 1960 To Nov 2005

6 Disclosures found   Refine search

Display 20 resi
Sort by Rank

Page: [1]		Download as XML | T(
RD ID	**Disclosure title**	**Date**
302114	High density data recording for magneto-optic playback	Jun 198 Journa
411088	Enhanced RAID-5 error recovery in response to drive hard read errors	Jul 199 Journa
8009	Improved magnetic flowmeter apparatus	Dec 197 Journa
185038	Magnetic recording using recording media having temperature dependent coercivity	Sep 197 Journa
175023	Video disc configuration (R1420)	Nov 197 Journa
407054	Low-smoke self-extinguishing electrical cable and flame-retardant composition used therein	Mar 199 Journa
Page: [1]		Download as XML | T(

Help us improve CiteSeer. <u>Take a survey</u>

CiteSeer Find: | (Rhenium and (NiFeRe or FeNiRe (| Documents | Citations |

Searching for **rhenium and nifere or fenire or renife or refeni and magnetic thin film and corrosion or corroded**.
Restrict to: <u>Header</u> <u>Title</u> Order by: <u>Expected citations</u> <u>Hubs</u> <u>Usage</u> <u>Date</u> Try:
<u>Google (CiteSeer)</u> <u>Google (Web)</u> <u>Yahoo!</u> <u>MSN</u> <u>CSB</u> <u>DBLP</u>
52 documents found. **Order: number of citations.**

<u>Enhanced Imaging Of Corrosion In Aircraft Structures With ..</u> - William Winfree Noreen (1999)
 (Correct)
Page 1 of 12 Winfree,Enhanced Imaging of **Corrosion** in Aircraft Structures with Reverse Geometry
X-ray Computer Tomographic Inspection For the **corroded** aircraft sections, computer omographic (CT)
eature of specimen. b)Image scaled to feature **corroded** region of specimen.c) Histogram equalized image
echreports.larc.nasa.gov/ltrs/PDF/1999/mtg/NASA-99-3jcaa-wpw.pdf

<u>The Use Of An Abrasive Waterjet System At 700 Bar For The ..</u> - Fossey Summers Schmidt (Correct)
hat defy easy access to the energetics. Some are **corroded** and/or rusted, and many are designed with crimp
www.umr.edu/~rockmech/faculty/papers/paper240.pdf

<u>Modeling Of The Multiparameter Inverse Task Of Transient..</u> - Plotnikov (1998) (Correct)
caused by delaminations, cracks, voids, **corroded** regions, etc. Often, it is enough to detect
echreports.larc.nasa.gov/pub/techreports/larc/1998/mtg/NASA-98-25qnde-yap.ps.Z

<u>Early Warning Fault Detection Using Artificial Intelligent..</u> - Wong Ryan Tindle (Correct)
Jamage, the cable could become progressively **corroded** and, in time, its electrical characteristics
blake.sunderland.ac.uk/~td1cle/papers/UPEC96.ps

<u>An effective nonlinear boundary condition for a corroding..</u> - Fadil Santosa (1998) (Correct)
condition to analyze the determination of **corrosion** damage based on measurements of the boundary
An effective nonlinear boundary condition for a **corrod**ing surface. Identification of the damage based on
with an electrostatic voltage potential on a **corrod**ing metal surface. Subsequently we use this
www.ima.umn.edu/preprints/FEB1997/1461.ps

<u>Remote Enhanced Visual Inspection of Aircraft by a Mobile Robot</u> - Siegel (1998) (Correct)
and algorithms for detection of cracks, surface **corrosion**, and subsurface **corrosion** are then

discussed in
hark cracks around rivet heads, patches of **corroded** skin surface, and skin surface deformations
on the left, an image that includes both **corroded** and uncorroded aircraft skin (removed from an
www.ri.cmu.edu/pub_files/pub1/gunatilake_priyan_1998_1/gunatilake_priyan_1998_1.ps.gz

Room Temperature Degradation of YBa - Superconductors In   (Correct)
Lawrence D. and Burdick, Vernon L. Water **Corrosion** of YBa2 Cu3 O 7- ffi Superconductors.
J.
SEM analyses of the microstructures of the **corroded** specimens revealed the development of
echreports.larc.nasa.gov/pub/techreports/larc/93/tp3368.ps.Z

Parallel Global Optimization of Proteins - van der Hoek (1994)   (Correct)
o play some of Blood's Music, TEAMBALL, or **Corroded** Treasures! Then, of course, many
people stayed
tp.cs.colorado.edu/users/andre/papers/MSthesis.ps

The proposal for the TILECAL submodule surface protection.. - Valk'ar Dav'idek   (Correct)
or the 12 iron surface protection agents against **corrosion** are summarised. We describe full size tests of
monitored the time dependence of increase of the **corroded** area. The results are summarised in Table 1.
per Viscosity Dilutant Emerging speed Thickness **Corroded** area [Paint Producer Colours litre

www-nc.troja.mff.cuni.cz/iso-8859-2/HEP/tilecal/tileref/./archive/tilecal-98-160.ps.gz

Corrosion Detection in Airframes Using a New Flux-Focusing.. - James Fulton   (Correct)
Corrosion Detection in Airframes Using a New
Using the new probe at a fixed frequency on a **corroded** lap splice illustrating these problems s shown
www.kari.re.kr/NASA/larc/94/conf-asnt-94-p34.ps.Z

Structural Domain Modeling For Understanding Equipment Failure.. - Wauchope (1990)
(Correct)
This again eads to the inference that the **corrosion** of the valve parts caused the valve e a start nr 1b gas turbine alve parts excessively **corroded**.
ailure nd loss. Damage includes such words as **corrode**, shear, wear, and d i erode. Failure words
www.aic.nrl.navy.mil/papers/1990/AIC-90-030.ps.Z

Try your query at: Google (CiteSeer)   Google (Web)   Yahoo!   MSN   CSB
DBLP

Dial g DataStar

| options | logoff | tracker | feedback | help |

UNITED STATES
PATENT AND
TRADEMARK OFF
An Agency of the United St
Department of Commerce

sira

Advanced Search: Examiners' Electronic Digest Database (EEDD)

---

limit

Search history:

No.	Database	Search term	Results	
1	EEDD	rhenium OR NiFeRe OR FeNiRe OR ReNiFe OR ReFeNi	0	-

hide | delete all search steps... | delete individual search steps...

Enter your search term(s): Search tips

whole document ▼

To restrict search by date, use the limit button.   search

☐ Documents available in fulltext

Select special search terms from the following list(s):
⬤ Document type

Top - News & FAQS - Dialog

© **2005** Dialog

Dial g DataStar.

options   logoff   feedback   help

Titles

To view one or many selected titles scroll down the list and click the corresponding boxes. Then click display at the bottom of of the page. To view one particular document click the link above the title to display immediately.

Documents 1 to 6 of 6 from your search **"NiFeRe OR FeNiRe OR ReFeNi OR ReNiFe OR rhenium AND permalloy"** in all the available information:

Number of titles selected from other pages: 0

☐ **Select All**

☐ 1 display full document

   1999. (INZZ) Effect of nitrogen on the properties of sputter deposited **NiFeRe** films.

☐ 2 display full document

   1998. (INZZ) Fabrication of film heads with high moment materials.

☐ 3 display full document

   1998. (INZZ) Thin soft sendust laminated CoPt hard films.

☐ 4 display full document

   1990. (INZZ) Effect of doping on the Ni/sub 3/Fe superstructure in high-nickel Permalloys.

☐ 5 display full document

   1980. (INZZ) **Rhenium** film preparation by laser melting.
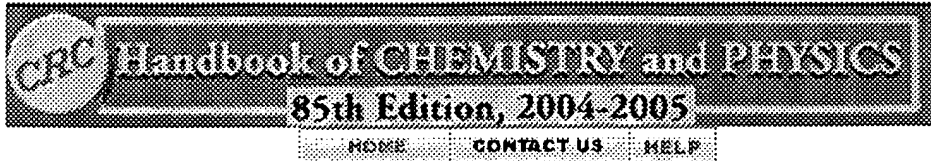
☐ 6 display full document

   1979. (INZZ) **Rhenium** thin film preparation by laser melting.

Selection	Display Format	Output Format	ERA ^{SM} Electronic Redistribution & Archiving	Action
◉ from this page ○ from all pages	◉ Full ○ Free ○ Short ○ Medium ○ Custom Help with Formats	◉ HTML ○ Tagged (for tables) ○ PDF ○ RTF	Copies you will redistribute: [ ] Employees who will access archived record(s): [ ] Help with ERA	display save print preview

Sort your entire search result by | Publication year ▾ | SORT
Ascending ▾

Handbook of CHEMISTRY and PHYSICS
85th Edition, 2004-2005

HOME   CONTACT US   HELP

Substance/Property Search

△ Search Terms △ Finish △

Search Terms:

• Common formula LIKE *Fe*Ni*

Search Results   Send these results to an email account

#	Document Name	Text	Table	Hits
1	Crystallographic Data on Minerals	▦	▦	2
2	Physical and Optical Properties of Minerals	▦	▦	1

IEEE Xplore

Welcome United States Patent and Trademark Office

Search Session History

BROWSE   SEARCH   IEEE XPLORE GUIDE SUPPORT

Wed, 23 Nov 2005, 3:47:28 PM EST

Search Query Display

Edit an existing query or compose a new query in the Search Query Display.

| Run Search | | Reset |

Select a search number (#) to:
- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

	Recent Search Queries	Results
#1	(nifere or fenire or renife or refeni or (permalloy and doped)) and (corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) <and> ((ni or nickel<in>metadata) <and> (fe or iron<in>metadata))<and> (re or rhenium<in>metadata) <and> (magnetic <and> (core <or> yoke <or> pole)) and percent	34
#2	(nifere or fenire or renife or refeni or (permalloy and doped)) and (corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) <and> ((ni or nickel<in>metadata) <and> (fe or iron<in>metadata))<and> (re or rhenium<in>metadata) <and> (magnetic <and> (core <or> yoke <or> pole)) and percent	34
#3	(nifere or fenire or renife or refeni or (permalloy and doped)) and (corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) <and> ((ni or nickel<in>metadata) <and> (fe or iron<in>metadata))<and> (re or rhenium<in>metadata) <and> (magnetic <and> (core <or> yoke <or> pole)) and percent	34
#4	(nifere or fenire or renife or refeni or (permalloy and doped)) and (corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) <and> ((ni or nickel<in>metadata) <and> (fe or iron<in>metadata))<and> (re or rhenium<in>metadata) <and> (magnetic <and> (core <or> yoke <or> pole)) and percent	34
	(nifere or fenire or renife or refeni) and	

:

#5	(corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole)) and percent	0
#6	(corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole)) and percent	211
#7	(corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole))	644
#8	(corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole)) and percent	211
#9	(corrosion or eddy or saturation or flux or bsat or bs or resistance or resistivity) and (inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole))	644
#10	(inductive or write or writing or writer or head or pickup) \<and> ((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole))	703
#11	((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata) \<and> (magnetic \<and> (core \<or> yoke \<or> pole))	1049
#12	((ni or nickel\<in>metadata) \<and> (fe or iron\<in>metadata))\<and> (re or rhenium\<in>metadata)	3403

((ni or nickel\<in>metadata) \<and> (fe or

3403

| #13 | iron<in>metadata))<and> (re or rhenium<in>metadata) |

```
┌─────────────────────────────────┐
│      Clear Session History       │
└─────────────────────────────────┘
```

indexed by
Inspec